Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 20 Mar 2023 until 23:59 on Tuesday 21 Mar 2023

Forecast Issued on Monday 20 Mar 2023 at 01:25

Confidence: High confidence in an unsettled week of weather. Medium for details from Wednesday.

Headline for Monday 20 Mar 2023: Extensive low cloud, rain and drizzle, improving for a while this afternoon.

Mountain weather hazards on Monday 20 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Fog	Dull	Cloudy	Heavy Rain	Heavy Rain
Precipitation probability					
70%	50%	30%	20%	20%	50%

Forecast for Monday 20 Mar 2023

Weather: Rain will quickly ease this morning, but outbreaks of drizzle will continue to come and go. A few brighter spells are possible this afternoon but there will be large amounts of cloud for most of the day. Heavier rain will arrive from the south west again for this evening.

Chance of cloud-free hill tops above 600m: 20% rising to 70% in the afternoon, but lowering again in the evening

Low cloud and visibility: Extensive cloud, base 300 to 400m, lifting above the tops early afternoon, before lowering again in the evening. Visibility moderate to very poor at first, becoming this afternoon.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Monday 20 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/27 SW	21/27 SW	21/28 SW	20/26 SW	17/23 SW	20/27 SW	23/32 S
300	16/24 S	15/21 SW	15/20 SW	14/20 SW	11/18 SW	14/22 S	17/26 S
Valley	8/21 S	8/18 SW	9/19 SW	9/18 SW	7/17 SW	9/21 S	11/25 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	7/2	8/4	8/4	8/4	8/3	7/2
300	7/4	8/5	10/7	11/9	11/8	10/7	9/5
Valley	7/5	8/6	11/9	12/10	11/9	10/8	9/7
Freezing Level*	2400m	2400m	1900m	1800m	2400m	2000m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Best chance of any brightness in the east.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 20 Mar 2023	5.2mm	12.2mm	13.4mm

Forecast for Tuesday 21 Mar 2023

Weather: Outbreaks of heavy rain overnight. Heavy showers during the morning, becoming lighter and more scattered in the afternoon, with a few sunny breaks developing. Thicker, lower cloud and further rain spreading in from the west late in the evening.

Maximum wind: South-westerly 30mph gusting 40mph.

Chance of cloud-free hill tops above 600m: 20% rising to 90% in the afternoon.

Low cloud and visibility: Extensive cloud, base 300 to 500m, lifting above the summits and breaking early afternoon. Visibility moderate to very poor at first, becoming good in the afternoon then decreasing again during the evening.

Temperature: **Valleys:** Plus 7 Celsius rising to 13 Celsius
At 600m: Plus 4 to 7 Celsius
Freezing level: Above the summits

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